

44. (New) A method of making 6-, 9- and/or 6,9-hydroperoxy- $\gamma$ -linolenic acid, which method comprises incubating  $\gamma$ -linolenic acid with the lipoxygenase of claim 24 under suitable conditions, whereupon 6-, 9- and/or 6,9-hydroperoxy- $\gamma$ -linolenic acid is obtained.

45. (New) A method of making 6-, 9- and/or 6,9-hydroperoxy- $\gamma$ -linolenic acid, which method comprises incubating  $\gamma$ -linolenic acid with the lipoxygenase of claim 25 under suitable conditions, whereupon 6-, 9- and/or 6,9-hydroperoxy- $\gamma$ -linolenic acid is obtained.

46. (New) A derivative of  $\gamma$ -linolenic acid containing a hydroperoxy group or a hydroxy group at position 6.

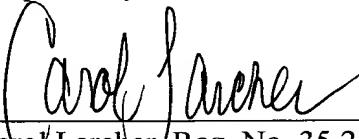
#### REMARKS

##### *Conclusion*

The present application is the U.S. national phase of a PCT application. In the present Amendment, claims 1-14 are cancelled, and claims 15-46 are added. The claims have been amended to conform the claims to U.S. patent practice and to eliminate multiple claims dependencies. No new matter has been added by way of these amendments.

The application is considered in good and proper form for allowance, and the Examiner is respectfully requested to pass this application to issue. If, in the opinion of the Examiner, a telephone conference would expedite the prosecution of the subject application, the Examiner is invited to call the undersigned attorney.

Respectfully submitted,

  
\_\_\_\_\_  
Carol Larcher, Reg. No. 35,243  
One of the Attorneys for Applicants  
LEYDIG, VOIT & MAYER, LTD.  
Two Prudential Plaza, Suite 4900  
180 North Stetson  
Chicago, Illinois 60601-6780  
(312) 616-5600 (telephone)  
(312) 616-5700 (facsimile)

Date: September 28, 2001